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## BLACK-MAX

Laminated Graphite - Flexible graphite is a unique sealing material that is resistant to almost all media, with the exception of strong oxidizers such as highly concentrated nitric or sulfuric acid and molten salts. It is also highly compressible for establishing a good seal against the flange and will not cold flow. BLACK-MAX LG is suitable for sealing steam as well as inorganic and organic bases, solvents, oils and fuels.



### BLACK-MAX

### Physical Properties

Service Temperature in Atmosphere	-400 to 850 ° F
Service Temperature in Steam	-400 to 1200 ° F
Service Pressure	2000 psig
Pressure x Temperature (P x T) 1/4" Thickness	175000
M Factor Smooth Flange Surface	2
Y Stress Smooth Flange Surface	900 psi
Maximum Gasket Load	2400 psi